

# CLASS SYLLABUS

CSE 1101 COMPUTING DISCIPLINES AND CAREERS

FALL 2006

(SWITCH TO PRINTABLE VERSION)

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## 1. The Departmental Course Description

See the [University catalog](#) or see the [description](#) on the [department's web site](#) under [Academics/bachelors](#)

## 2. Performance Measures

By the end of the course, students will be able to:

1. Give a cogent definition of “computer science.”
2. Give a cogent definition of “software engineering.”
3. Understand the importance of professional practice in computing.
4. Recognize ethical, social, legal and economic issues in computing.
5. Understand requirements for a successful career in computing.

### 3. Class Days, Time, and Place

Wednesday, 12:00 – 12:50, Olin Engineering Auditorium (118 EC)

### 4. Instructor and Office Hours

William Shoaff: Office Hours: See

<http://www.cs.fit.edu/wds/classes/office.html>,

contact by electronic mail [wds@cs.fit.edu](mailto:wds@cs.fit.edu), or by appointment.

### 5. Teaching Assistant

Geoff Grow

### 6. Class URL

Class information is maintained on the class web site:

<http://www.cs.fit.edu/Academics/moodle/course/view.php?id=3>

## 7. Lecture Notes

Lecture notes for the class are maintained online. ([See the class URL](#)).

## 8. Class Projects

1. **Fill out an initial questionnaire.** Submit on the **moodle server** by: Wednesday, August 30, 2006 (5%)
2. **Create and maintain an “Academic Portfolio.”** Submit to the **moodle server** by: Wednesday, September 14, 2006 (10%)
3. **Write a description of “computer science.”** Submit to the **moodle server** by: Wednesday, September 20, 2006 (10%)
4. **Write a description of “software engineering.”** Posted on **moodle server** by: Wednesday, October 4, 2006 (10%)
5. **Develop career goals.** Submit to the **moodle server** before: Wednesday, October 11, 2006 (10%)
6. **Participate in a computing activity.** Posted on **moodle server** by: Wednesday, October 25, 2006 (5%)
7. **Fill out a midterm questionnaire.** Posted on **moodle server** by: Wednesday, November 8, 2006 (5%)
8. **Complete your degree plan.** Submitted to your professor by: Wednesday, November 8, 2006 (10%)
9. **Participate in a computing activity.** Posted on **moodle server** by: Wednesday, November 2, 2006 (5%)

10. **Write an essay on an issue (social, legal, ethical) in computing.** Submit to the **moodle server** by: Wednesday, November 15, 2006 (10%)
11. **Write a book review.** Submit to the **moodle server** by: Wednesday, November 29, 2006 (10%)
12. **Final Exam.** Wednesday, December 6, 2006 (10%)

## 9. Submitting Projects

Almost all projects must be turned in using the [class moodle site](#).

## 10. Grading

Project weights and due dates:

|  |     |              |
|--|-----|--------------|
| <b>Questionnaire</b>                   | 5%  | August 30    |
| <b>Web Page</b>                        | 10% | September 14 |
| <b>Computer Science Definition</b>     | 10% | September 20 |
| <b>Software Engineering Definition</b> | 10% | October 4    |
| <b>Career Day</b>                      | 10% | October 11   |
| <b>Computing Activity</b>              | 5%  | October 25   |
| <b>Degree Plan</b>                     | 10% | November 8   |
| <b>Midterm Questionnaire</b>           | 5%  | November 1   |
| <b>Computing Activity</b>              | 5%  | November 2   |
| <b>Computing Issue</b>                 | 10% | November 15  |
| <b>Book Review</b>                     | 10% | November 29  |
| <b>Final Exam</b>                      | 10% | December 7   |

Letter grades will be assigned according to the following scale:

A=90 – 100%    B=80 – 89%    C=70 – 79%    F=0 – 69%

Numeric scores will be determined based on rubrics given in the **description of each project**.

## 11. Attendance and Class Participation

This class is a discussion: a dialogue. It will be a good class only if you participate. Attendance is expected and roll will be taken. In class, non-graded, assignments may be used to note who is not attending, for example you may be asked to write a *one-minute* essay on the main ideas of a discussion, or *muddiest point* sentence. Those with chronic absences will be reported as potential victims of freshmancide.

## 12. Late Projects

Projects *must* be submitted on time. A 10% per day penalty will be charged for late submissions. Valid excuses (medical, family emergency, religious holiday, *etc.*) must be verified.

## 13. Religious Holidays

You are encourage to celebrate holidays recognized by your religion. However, inform your instructor, prior to the holiday, if these celebrations will interfere with class attendance or projects.

## 14. Accommodations for Disabilities

Florida Tech does not discriminate on the basis of handicap. **Academic Support Services** and **Counseling and Psychological Services** are available for assistance. Let the instruction know if you have disabilities. Individuals who discriminate against those with disabilities face disciplinary action. See the **Student Handbook**.

## 15. Sexual Harassment

Individuals who engage in sexual harassment face disciplinary action. See the [Student Handbook](#).

## 16. Honor Code

The department enforces an [honor code](#) that requires students to be academically honest. Failure to abide by this code may result in lower scores on projects, failing the course, or dismissal from the university. We're not kidding.

## 17. Important Dates

- University Calendar
  - August 23, 2006: First day of this classes
  - August 25, 2006: Last day to register or add a class
  - September 1, 2006: Last day to drop a class without receiving a 'W'
  - October 13, 2006: Last day to drop a class
  - December 6, 2006: Last day of this class, Final exam for this class
  - November 6, 2006: Registration for Spring 2006 begins
  - December 1, 2006: Last day for returning students to register for Spring 2007 without a late fee
  - December 7–8, 2006: Study days, no classes
  - December 11–16, 2006: Final Exams
- Projects and Exams
  - **Fill out an initial questionnaire.** Submit on the **moodle server** by: Wednesday, August 30, 2006 (5%)
  - **Create and maintain an “Academic Portfolio.”** Submit to the **moodle server** by: Wednesday, September 14, 2006 (10%)
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- Write a book review. Submit to the moodle server by: Wednesday, November 29, 2006 (10%)
- Final Exam. Wednesday, December 6, 2006 (10%)
- Holidays
  - September 4, 2006: Labor Day
  - October 9, 2006: Columbus Day

- November 10, 2006: Veteran's Day
- November 22-24, 2006: Thanksgiving Holiday
- October 9–10, 2006: Fall Break
- Other Holidays
  - \* Saturday, September 23, 2006: Autumnal Equinox 12:03am (EDT)
  - \* Saturday, September 23, 2006: Rosh HaShanah 5767
  - \* Sunday, September 24, 2006: Ramadan Begins
  - \* Monday, October 2, 2006: Yom Kippur
  - \* Saturday, October 7, 2006: Sukkot
  - \* Saturday, October 14, 2006: Shemini Atzeret
  - \* Sunday, October 15, 2006: Simchat Torah
  - \* Friday, October 20, 2006: Birth of the Bab
  - \* Sunday, October 29, 2006: Daylight Savings Time Ends 2:00am (EDT)
  - \* Tuesday, October 31, 2006: Halloween
  - \* Saturday, November 11, 2006: Veteran's Day
  - \* Sunday, November 12, 2006: Birth of Baha'u'llah

Students who wish to be excused from course work, class activities or examinations to celebrate religious holidays must notify the instructor in advance and request an excused absence.